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CENTRAL INTELLIGENCE AGENCY
PHOTOGRAPHIC INTELLIGENCE REPORT

MOSCOW AIRFRAME PLANT FILE NO 23, USSR



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PHOTOGRAPHIC INTELLIGENCE DIVISION

Declassification review by NIMA/DOD

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GROUP 1
Excluded from automatic
downgrading and declassification

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MOSCOW AIRFRAME PLANT FILI NO 23, USSR

25X1A

The Moscow Airframe Plant Fili No 23 is located in the western suburbs of Moscow at 55-45-30N 37-20-20E (Figure 1). The plant is adjacent to the Moscow/Fili Airfield and is served by major roads and rail spurs. Building numbers are keyed to Figure 4.

25X1A

25X1D

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25X1D

the total floorspace in the plant, including buildings under construction, was approximately 3,342,150 square feet.

Since new buildings have been erected and existing facilities have been expanded. New additions include two workshops (buildings 1 and 23), a subassembly/machine shop (building 7), three storage buildings (buildings 10 and 26), a probable engineering/research and development building (building 24), and an administration building (building 25). In one of the workshops (building 1), the three storage buildings (buildings 10 and 26), and the administration building (building 25) were under construction, and by they had been completed. An

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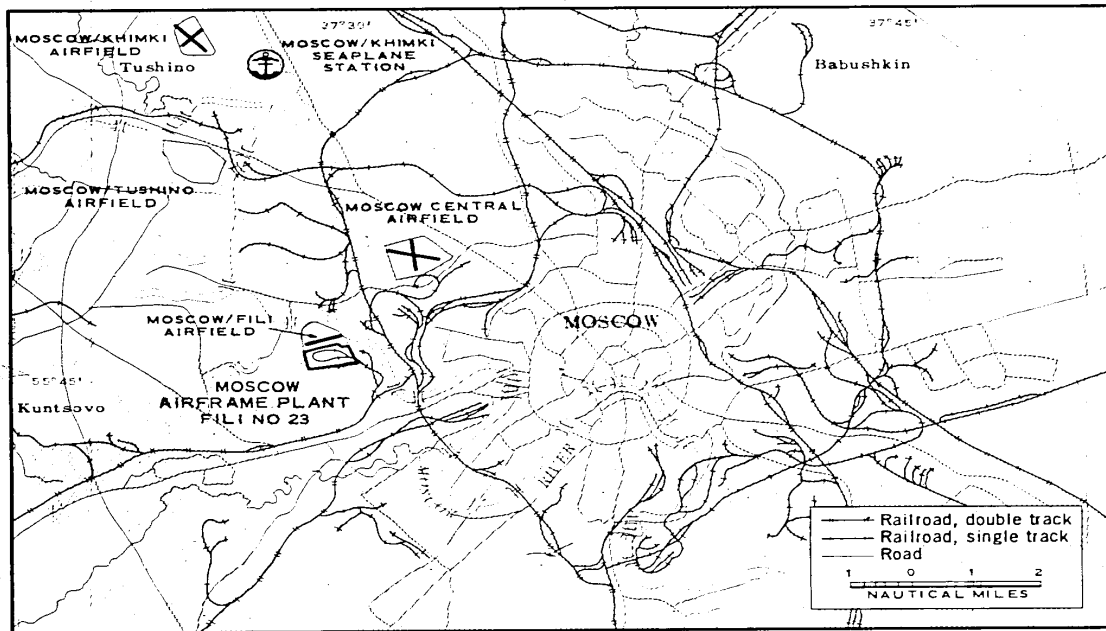


FIGURE 1. LOCATION MAP.

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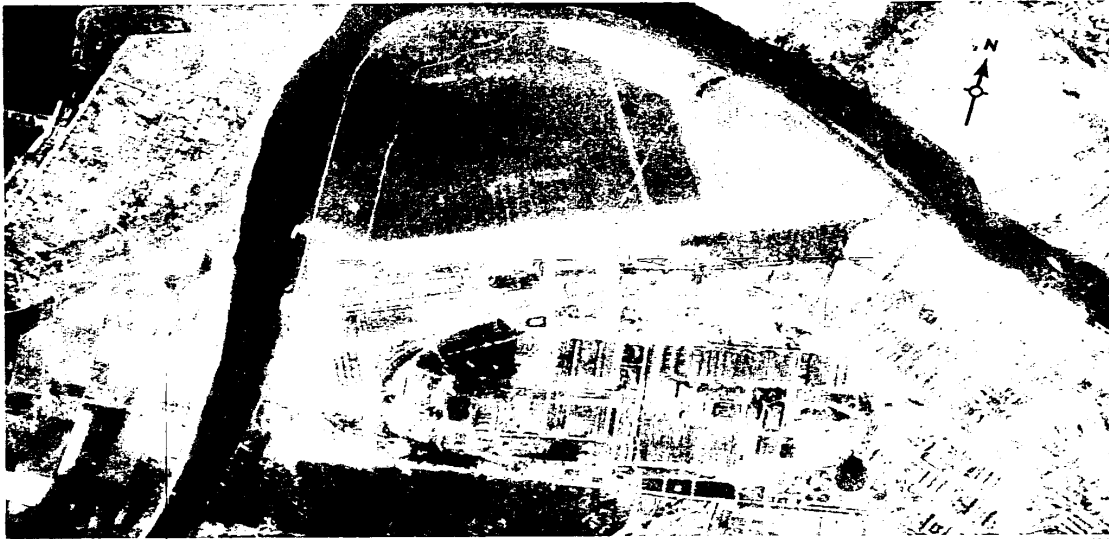


FIGURE 2. MOSCOW AIRFRAME PLANT FILI NO 23, [REDACTED]

25X1D



FIGURE 3. MOSCOW AIRFRAME PLANT FILI NO 23, [REDACTED]

- 2 -

25X1D

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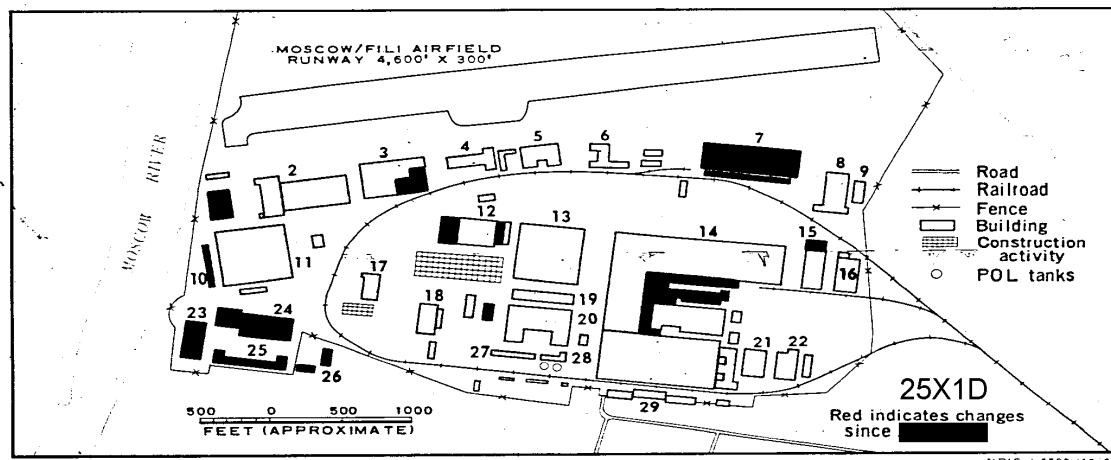


FIGURE 4. LAYOUT OF MOSCOW AIRFRAME PLANT FILI NO 23.

Table 1. Description of Facilities at Moscow Airframe Plant Fili No 23

Bldg	Description	Length & Width* (ft)	Height* (ft)	Floor-space (sq ft)
1	Workshop	240 x 165	--	39,600
2	Workshop machine shop	Irregular	55	153,350
3	Workshop	475 x 275	--	130,625
4	Maintenance hangar, T-shaped	Irregular	--	35,400
5	Hangar	Irregular	--	28,450
6	Workshop	Irregular	--	42,650
7	Subassembly machine shop	720 x 240	--	172,800
		640 x 40	--	25,600
8	Workshop	Irregular	--	56,800
9	Workshop	170 x 90	--	15,300
10	Storage	375 x 35	--	13,125
11	Workshop machine shop	515 x 475	--	244,625
12	Workshop machine shop	Irregular	--	108,125
13	Final assembly, 2 bays	470 x 470	--	220,900
14	Subassembly machine shop forge	Irregular	45	1,155,825
15	Workshop machine shop	455 x 130	--	59,150
16	Probable foundry	Irregular	--	65,600
17	Workshop, L-shaped	Irregular	--	23,250
18	Workshop	Irregular	--	35,525
19	Workshop	440 x 75	--	33,000
20	Workshop machine shop, U-shaped	Irregular	--	123,100
21	Workshop	220 x 160	--	35,200
22	Workshop	Irregular	--	43,675
23	Workshop	320 x 170	--	54,400
24	Probable engineering R & D	Irregular	25,60 & 80	96,300
25	Administration, 3-story	Irregular	--	140,625
26	Storage (2)	155 x 75	--	11,625
		140 x 65	--	9,100
27	Storage	330 x 40	--	13,200
28	Boilerhouse, L-shaped	Irregular	--	7,375
29	Administration, 3-story	Irregular	--	103,950
Total floor-space of numbered buildings				3,298,250
Total floor-space of unnumbered buildings				43,900
Total floor-space of plant				3,342,150

*All dimensions should be considered approximate and were calculated by photogrammetrists in NPIC TID.

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existing workshop (building 3) which was also under construction in [REDACTED] had been completed by [REDACTED]. The subassembly/machine shop (building 7) was in an early stage of construction in [REDACTED] and was completed during the [REDACTED]. The probable engineering/research and development building (building 24) which was in the midstage of construction in [REDACTED] had been completed by [REDACTED]. In [REDACTED] a workshop (building 23) was under construction and appeared to be complete by [REDACTED] of the following year. In [REDACTED] work on the expansion of some of the existing facilities was observed. This construction was completed by [REDACTED] and provided the following additional floorspace: 42,800 square

feet in a workshop/machine shop (building 12); 56,600 square feet in a subassembly/machine shop/forge building (building 14); and 14,785 square feet in a workshop/machine shop (building 15).

Moscow/Fili Airfield which serves the plant as a flyaway field has one east-northeast/west-southwest concrete runway measuring 4,600 by 300 feet. In [REDACTED] one BOUNDER and five large probable helicopters were observed at this airfield. The sections for larger aircraft, such as the BOUNDER and BISON, are probably transported down the Moscow River to Moscow/Ramenskoye Airfield [REDACTED] for final assembly.

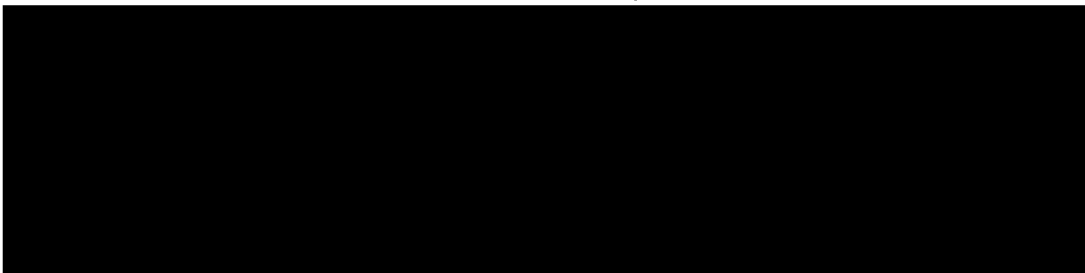
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25X1A

REFERENCES

25X1D

PHOTOGRAPHY



MAPS OR CHARTS

ACIC. US Air Target chart, Series 200, Sheet 0167-5HL, 2d ed, Apr 63, scale 1:200,000 (SECRET)

REQUIREMENT

CIA. C-RR4-81,357

CIA PROJECT

C-1797/64

- 4 -

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